

HANFORD

Hanford Operations in Washington

Managed by Rockwell International, Hanford Operations is a key participant in the National Waste Terminal Storage Program. We are currently investigating the feasibility of forming a nuclear waste repository within basalt flows underlying the Hanford Reservation in Southeast Washington. Each of the following positions involves the planning, direction and integration of geochemical and/or research activities necessary to the development of this feasibility assessment. In addition to an M.S. or Ph.D. degree, you'll need the motivation and hands-on experience essential to the completion of this vital project.

Geochemist/Materials Scientist

Explores the effects of waste emplacement on the repository geologic system and the interaction of engineered barrier materials under hydrothermal conditions expected for a basalt-constructed repository. Requires a solid background in petrologic equilibria and/or aqueous geochemistry. Experience in experimental hydrothermal materials testing desired.

Geochemist

Investigates the solubility/sorption behavior or radionuclides under the physicochemical conditions expected for a basalt-constructed repository. Requires a solid background in aqueous geochemistry and/or physical chemistry. Experience in environmental radiochemistry desired.

Geochemist

Studies the ambient geochemical environment expected for a basalt-constructed repository and the long-term behavior of engineered barrier materials in that environment. Geochemistry/physical chemistry background required. Knowledge of clays/clay mineralogy and/or geochemical process modeling is desirable.

Chemist/Materials Scientist

Analyzes the effects of radiation on the repository physicochemical environment and on engineered barrier materials performance. Requires a solid background in physics, chemistry or materials science. Knowledge of radioactivity of aqueous systems desired.

When you bring your expertise to Rockwell International, you'll receive an outstanding compensation and benefits package including company-paid medical, dental and life insurance, relocation assistance, plus generous savings and retirement plans. Please forward your resume in confidence to:

B.E. White (Dept. 820E01-31), Rockwell International, Hanford Operations, P.O. Box 800, Richland, WA 99352. Equal Opportunity Employer M/F. U.S. Citizenship Required.



Rockwell International

...where science gets down to business

William M. Rice University Geophysics and Reservoir Engineering. As part of a Rice University program to develop further a modern Earth Science program, we plan to expand our geophysical research program to include a new Ph.D. program in geophysics. We wish to build a team of collaborative research in the areas of seismicity, geophysics, and geology. We are seeking a Ph.D. graduate with a strong background in geophysics and geology, and a strong interest in research. The successful candidate will be expected to work with our research group in the areas of seismicity, geophysics, and geology. The successful candidate will be expected to work with our research group in the areas of seismicity, geophysics, and geology. The successful candidate will be expected to work with our research group in the areas of seismicity, geophysics, and geology.

University of Arkansas/Tenure-Track Position. Applications are invited for a tenure-track position in the Department of Geology, University of Arkansas, beginning August 1984. The Ph.D. is required. Candidates will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

Arizona State University/Postdoctoral Research Associate. The Department of Geology, Arizona State University, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

University of California/Postdoctoral Research Associate. The Department of Geology, University of California, is seeking a postdoctoral research associate to work with the research group in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology. The successful candidate will be expected to teach and conduct research in the field of geology.

Center for Ocean-Land-Atmosphere Interactions. Department of Meteorology, University of Maryland, College Park, MD. The Department of Meteorology at the University of Maryland has established a center to study the interaction of ocean, atmosphere, and land processes and their impact on climate variability, and in particular to study the feasibility of dynamical prediction of short-term climate fluctuations. Applications are invited from qualified scientists to join the center at its inception. The center has the following openings:

1. **Assistant or Associate Professor:** One tenure track position for Ocean Modeling. The applicant should have good knowledge of oceanic and atmospheric dynamics, should also have the ability to develop ocean models and carry out research on variability and predictability of short term climate using coupled ocean-atmosphere models.

2. **Assistant or Associate Professor:** One tenure track position for Atmospheric Predictability. The applicant should have good knowledge of atmospheric dynamics and should have demonstrated his ability to carry out outstanding research on Geophysical Fluid Dynamics. Contributions to the study of atmospheric predictability either using simple models or complex GCMs, would be considered desirable.

3. **Research Scientist:** One non-tenure faculty position to be supported fully by the grant funds. The applicant should have demonstrated excellent knowledge of atmospheric dynamics and general circulation of the atmosphere. Familiarity with the atmospheric GCMs is desirable but not essential.

4. **Assistant Research Scientist:** One non-tenure faculty position to be supported fully by the grant funds. The applicant should have demonstrated excellent knowledge of ground hydrology and high energy physics. Current research interests in the department are radio and optical astronomy and the following specialties in physics: atomic, condensed matter, elementary particle, laser, nuclear, plasma, and space physics. Faculty duties include undergraduate and graduate teaching, guidance of research students and personal research. Interested persons should submit a resume and a statement of research interests and arrange for three letters of recommendation to be sent to Search Committee, Department of Physics and Astronomy, The University of Iowa, Iowa City, IA 52242.

5. **Research Associate:** One position for one year with possibility of extension for the second year. The applicant should be a recent Ph.D. with interest in studying the dynamics of quasi-stationary atmospheric anomalies either by analysis of observed data or by analysis of model simulations.

6. **Faculty Research Assistant:** Three positions (two modeling and one for data analysis). The applicants should have at least M.S. in Meteorology and demonstrated their ability to work with large models and high speed computers. They should also have good understanding of synoptic and dynamic meteorology, and familiarity with modern techniques of processing large volumes of data.

Letters of application should be sent to: J. Shukla, Chairman, Search Committee, Department of Meteorology, University of Maryland, College Park, MD 20742.

Applications should include a curriculum vitae and names of three references. Applications received before March 15, 1984 will receive full consideration.

The University of Maryland subscribes to a policy of equal educational and employment opportunity. The University of Maryland, under Title IX of the Education Amendment of 1972, does not discriminate on the basis of sex in admission, treatment of students or employment.

Geophysics/Oregon State University. Applications are invited for a 12-month, tenure track position for an Assistant or Associate Professor of Geophysics in the College of Oceanography to complement the present faculty member. The applicant must have a Ph.D. or equivalent, a demonstrated ability to conduct independent research in theoretical or observational geophysics, and a record of research. Applicants will be considered in most areas of solid earth geophysics. Duties include teaching graduate courses in geophysics, supervising graduate students, and developing a program of grant-funded research. Interested candidates should submit a resume, names of three references, and a brief statement of research plans by March 1, 1984, to: G. Ross Heath, Dean, College of Oceanography, Oregon State University, Corvallis, Oregon 97331.

Oregon State University, an affirmative action/equal opportunity employer, complies with section 504 of the Rehabilitation Act of 1973.

Massachusetts Institute of Technology, Haystack Observatory/Scientist/Engineer. The Haystack Observatory is seeking a Scientist/Engineer to work with the research group in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Oklahoma/Electronics Instrumentation Specialist. The School of Geology and Geophysics is accepting applications for a full-time Electronics Instrumentation Specialist. Principal responsibilities will include maintenance, calibration and repair of electronic components of other lab facilities in the School. Additional opportunities could include involvement in the University's electron microscopy lab (SEM and TEM), and the development of a Van de Graaf-PINE analytical system in collaboration with O.U. physicists. Applicants should have a B.S. in Geology, Chemistry, or Electrical Engineering or equivalent in experience salary commensurate with qualifications. Send curriculum vitae and names and addresses of three professional references to:

Dr. David London, School of Geology & Geophysics, University of Oklahoma, Norman, Oklahoma 73019.

Deadline for applications is March 15, 1984. The University of Oklahoma is an affirmative action/equal opportunity employer.

University of Iowa/Faculty Positions. The Department of Physics and Astronomy anticipates two openings for tenure-track assistant professors or visiting faculty at any level in August 1984. In exceptional cases a term or tenured appointment at the assistant professor or professor level will be considered. Preference for one position will be given to an experimentalist in intermediate or high energy physics. Current research interests in the department are radio and optical astronomy and the following specialties in physics: atomic, condensed matter, elementary particle, laser, nuclear, plasma, and space physics. Faculty duties include undergraduate and graduate teaching, guidance of research students and personal research. Interested persons should submit a resume and a statement of research interests and arrange for three letters of recommendation to be sent to Search Committee, Department of Physics and Astronomy, The University of Iowa, Iowa City, IA 52242.

The University of Iowa is an equal opportunity affirmative action employer.

Middlebury College/Sedimentary Geologist. The Department of Geology seeks a person with skills in sedimentary petrology, stratigraphy, and/or stratigraphic geology for a tenure track position. Appointment will be at the entry level and will begin September 1984. Letter of intent, resume, transcripts, and names of three references should be sent, before March 1, 1984, to: Brewster Baldwin, Chairman, Department of Geology, Middlebury College, Middlebury, VT 05758.

We are seeking an individual who is strongly research-oriented and who can complement the current petrology-geology interests of the department. The undergraduate program stresses field work and research. The curriculum is flexible and will be made compatible with the successful candidate's interests. The department has a fully automated electron microprobe, an XRF-XRD laboratory, and a vessel for studies on Lake Champlain.

Middlebury College is an equal opportunity employer.

Postdoctoral Associate/Meteorite Studies. The Harvard-Smithsonian Center for Astrophysics has a postdoctoral opening for a well-qualified recent Ph.D. who wants to advance our understanding of the origin of planets by carrying out petrologic studies of meteorites. The appointment is for one year (renewable for a second year), beginning August 1, 1984. Familiarity with automated microprobe analysis is essential; some previous experience in cosmochemistry is desirable. Please send inquiries to: Dr. John A. Wood, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge, MA.

The Smithsonian Astrophysical Observatory is an equal opportunity employer.

Hydrologist. Come to the Pacific Northwest! One of the leading companies in water, hazardous and emergency clean-up needs you. Join a progressive, established firm, new position, outstanding opportunity. Determine how to clean-up hazardous waste sites and spills. Determine solid waste and surface water movement. Supervise clean-up. Min. five-year experience, degree in hydrology or geology, and familiar with modeling. Company will relocate. For specific contact: Dick Dunnington, 303-242-2300 or write Murphy, Synodis, & Stowell, Professional Consulting Agency, 1001 S.W. 3rd Avenue, Portland, OR 97204.

All fees employer paid.

University of Arizona/Postdoctoral Research Position in Planetary Atmospheres. Applications are invited for postdoctoral research positions at the Lunar and Planetary Laboratory, University of Arizona, in Tucson, Arizona. The two positions will involve research in planetary physics and analysis of UV data from the Voyager mission. Research opportunities for these positions include the bound and extended atmospheres and ionospheres of the giant planets and their satellites. We plan to

conduct research in the following areas: geophysics, environmental science, applied solar energy, or non-linear phenomena. Applicants should be willing to play a major role in the development of a strong physics department supportive of related disciplines such as chemistry, mathematics, engineering, and geology.

If you would like to apply to join our faculty, please send that we receive a letter of application, a current resume, and three letters of recommendation. Applications must be postmarked before 23 March, 1984. Please note that you are responsible for having the letters of recommendation sent to us. Please send applications or inquiries to:

Martin M. Malencko, Department of Physics, Division of Natural and Physical Sciences, University of Colorado at Denver, 1100 Fourteenth Street, Denver, Colorado 80202.

The University of Colorado is an equal opportunity affirmative action employer.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Colorado. The Department of Physics at the University of Colorado at Denver is recruiting for two tenure-track faculty positions to begin in the Fall Semester, 1984. The successful candidate will be expected to teach and conduct research in the field of geophysics. The successful candidate will be expected to teach and conduct research in the field of geophysics.

University of Georgia/12-month tenure-track faculty appointment in the School of Forest Resources. Qualifications: Ph.D. in hydrology or forest hydrology with at least one degree in forest resources. Background should include forest resource management and quantitative sciences. Responsibilities: Teach undergraduate and graduate level courses in forest hydrology and watershed management. Develop a research program in an appropriate area of forest hydrology. Rank: Assistant or Associate Professor, commensurate with training and experience. Position available: July, 1984. Applications: All applications must be postmarked no later than 1 February 1984. Submit resume, transcripts, and names of at least three references to:

Klaus Steinbeck, Chairman, Hydrology Search Committee, School of Forest Resources, University of Georgia, Athens, GA 30602.

Telephone: 404-542-1376. The University of Georgia is an Equal Opportunity/Affirmative Action Institution.

Oceanography/FSU. Assistant Professor in Marine Chemistry or Biogeochemistry. Chemical Sedimentology or Atmospheric Geochemistry. Applications invited for position starting with 1984-85 academic year. Contact by 1 March 1984: Chemical Oceanography Search Committee, Department of Oceanography, Florida State University, Tallahassee, FL 32306. Telephone: 904-644-6705. We are an equal opportunity employer.

Research Position/Department of Oceanography, University of British Columbia. Recent Ph.D. with experience in statistical methods and geophysical fluid dynamics sought to participate in the analysis and interpretation of data from an array of cyclones (profiling current meter, CTD systems) and current meters in the Strait of Georgia. The candidate should also have the potential of modeling the observations in terms of the non-linear low frequency motion of a stratified fluid of variable depth. The position is available as of 1 November, 1984, for a duration of one year and may be renewed for a second year. It will be filled at protocol level (\$20,700) or research associate (up to \$27,000) level according to the candidate's experience. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. Resumes and three letters of reference should be sent by 1 July 1984 to Dr. S. Pond, Dept. of Oceanography, 6570 University Blvd., Vancouver, B.C., Canada V6T 1W5.

Postdoctoral Associate/Meteorite Studies. The Harvard-Smithsonian Center for Astrophysics has a postdoctoral opening for a well-qualified recent Ph.D. who wants to advance our understanding of the origin of planets by carrying out petrologic studies of meteorites. The appointment is for one year (renewable for a second year), beginning August 1, 1984. Familiarity with automated microprobe analysis is essential; some previous experience in cosmochemistry is desirable. Please send inquiries to: Dr. John A. Wood, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge, MA.

The Smithsonian Astrophysical Observatory is an equal opportunity employer.

Hydrologist. Come to the Pacific Northwest! One of the leading companies in water, hazardous and emergency clean-up needs you. Join a progressive, established firm, new position, outstanding opportunity. Determine how to clean-up hazardous waste sites and spills. Determine solid waste and surface water movement. Supervise clean-up. Min. five-year experience, degree in hydrology or geology, and familiar with modeling. Company will relocate. For specific contact: Dick Dunnington, 303-242-2300 or write Murphy, Synodis, & Stowell, Professional Consulting Agency, 1001 S.W. 3rd Avenue, Portland, OR 97204.

All fees employer paid.

University of Arizona/Postdoctoral Research Position in Planetary Atmospheres. Applications are invited for postdoctoral research positions at the Lunar and Planetary Laboratory, University of Arizona, in Tucson, Arizona. The two positions will involve research in planetary physics and analysis of UV data from the Voyager mission. Research opportunities for these positions include the bound and extended atmospheres and ionospheres of the giant planets and their satellites. We plan to

conduct research in the following areas: geophysics, environmental science, applied solar energy, or non-linear phenomena. Applicants should be willing to play a major role in the development of a strong physics department supportive of related disciplines such as chemistry, mathematics, engineering, and geology.

If you would like to apply to join our faculty, please send that we receive a letter of application, a current resume, and three letters of recommendation. Applications must be postmarked before 23 March, 1984. Please note that you are responsible for having the letters of recommendation sent to us. Please send applications or inquiries to:

Martin M. Malencko, Department of Physics, Division of Natural and Physical Sciences, University of Colorado at Denver, 1100 Fourteenth Street, Denver, Colorado 80202.

The University of Colorado is an equal opportunity affirmative action employer.

Hydrologist. Come to the Pacific Northwest! One of the leading companies in water, hazardous and emergency clean-up needs you. Join a progressive, established firm, new position, outstanding opportunity. Determine how to clean-up hazardous waste sites and spills. Determine solid waste and surface water movement. Supervise clean-up. Min. five-year experience, degree in hydrology or geology, and familiar with modeling. Company will relocate. For specific contact: Dick Dunnington, 303-242-2300 or write Murphy, Synodis, & Stowell, Professional Consulting Agency, 1001 S.W. 3rd Avenue, Portland, OR 97204.

All fees employer paid.

University of Arizona/Postdoctoral Research Position in Planetary Atmospheres. Applications are invited for postdoctoral research positions at the Lunar and Planetary Laboratory, University of Arizona, in Tucson, Arizona. The two positions will involve research in planetary physics and analysis of UV data from the Voyager mission. Research

